

PATENT ABSTRACTS OF JAPAN

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(54) DIRECTIONAL LOUDSPEAKER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a directional loudspeaker, improved in directional hearing ability so as to obtain an optimum sound quantity ratio providing the suppressing effect of the other channels is high, even of a source sound quantity is varied.

SOLUTION: This directional loudspeaker allows a level-adjusting means 2 to adjust the levels of plural inputted acoustic signals Sa and Sb to be coincident acoustically and allows directionality control means (4a to 7b) to control plural level-adjusted acoustic signals SA and SB to generate plural speaker drive signals Sx and Sy. The signals Sx and Sy are supplied to plural speakers 9a1 to 9b2, thereby sound based on each signal Sa and Sb is radiated to hearing areas A and B in plural different directions. The means 2 executes level-adjusting operation of a corresponding acoustic signal, based on the level target value of each input sound mode selected according to the discriminating result of whether each of inputted signal Sa and Sb is voice or music and the time average of the signals SA and SB.

